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January 6, 2006

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Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Art Unit 3623

Attn: Mail Stop Amendment

Re: U.S. Utility Patent Application
Application No. 09/887,528; Filed: June 25, 2001
For: **Method and System for High Performance Model-Based
Personalization**
Inventors: Ekhaus *et al.*
Our Ref: 2222.0730001

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Supplemental Information Disclosure Statement;
2. A listing of the cited documents on Form PTO/SB/08A (5 pp.);
3. A listing of the cited documents on Form PTO/SB/08B (2 pp);
4. Copies of the cited documents (FP1 - FP83 and NPL1 - NPL18); and
5. One (1) Return Postcard.

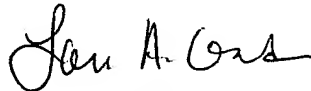
It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents
January 6, 2006
Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Lori A. Gordon
Attorney for Applicants
Registration No. 50,633

MVM/LAG/smn
Enclosures

479069-1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Ekhaus *et al.*

Appl. No.: 09/887,528

Filed: June 25, 2001

For: **Method and System for High
Performance Model-Based
Personalization**

Confirmation No.: 5737

Art Unit: 3623

Examiner: Catherine M. Colon

Atty. Docket: 2222.0730001

Supplemental Information Disclosure Statement

Mail Stop Amendment

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying IDS Forms are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicants have listed publication dates on the attached IDS Forms based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

Filing under 37 C.F.R. § 1.97(b). This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No statement or fee is required.

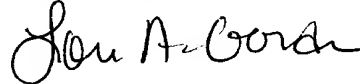
Copies of documents FP1-FP83 and NPL1-NPL18 are submitted. An English language abstract has been attached to the first page of the Japanese patent for each of the cited Japanese Patents FP2-FP79. In accordance with 37 C.F.R. § 1.98(a)(2), no copies of U.S. patents and patent application publications cited on the attached IDS Forms are submitted.

It is respectfully requested that the Examiner initial and return a copy of the enclosed IDS Forms, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

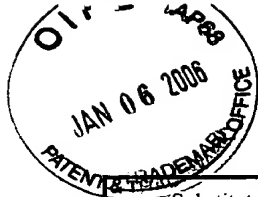


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Substitute for form 1449/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/887,528
				Filing Date	June 25, 2001
				First Named Inventor	Michael Ekhaus
				Art Unit	3623
				Examiner Name	Catherine M. Colon
Sheet	1	of	5	Attorney Docket Number	2222.00730001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
	US1	4,870,579	09-26-1989	Hey	
	US2	4,996,642	02-26-1991	Hey	
	US3	5,091,852	02-25-1992	Tsuchida <i>et al.</i>	
	US4	5,668,987	09-16-1997	Schneider	
	US5	5,749,081	05-05-1998	Whiteis	
	US6	5,790,426	08-04-1998	Robinson	
	US7	5,835,087	11-10-1998	Herz <i>et al.</i>	
	US8	5,872,850	02-16-1999	Klein <i>et al.</i>	
	US9	5,884,282	03-16-1999	Robinson	
	US10	5,918,014	06-29-1999	Robinson	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP1	CA 2,249,096 A1	03-30-2000	Valentin <i>et al.</i>		
	FP2	JP 1-169605	07-04-1989	Kamikubo <i>et al.</i>		
	FP3	JP 7-152771	06-16-1995	Shimogoori		
	FP4	JP 7-234881	09-05-1995	Jiyon <i>et al.</i>		
	FP5	JP 8-331077	12-13-1996	Kurihara		
	FP6	JP 9-153027	06-10-1997	Yoneda <i>et al.</i>		
	FP7	JP 9-265478	10-07-1997	Ariyoshi		
	FP8	JP 10-32797	02-03-1998	Tsuji <i>et al.</i>		
	FP9	JP 10-63680	03-06-1998	Kin		
	FP10	JP 10-63681	03-06-1998	Kin		
	FP11	JP 10-63749	03-06-1998	Kubota <i>et al.</i>		
	FP12	JP 10-74206	03-17-1998	Nakamura		
	FP13	JP 10-91642	04-10-1998	Kinohara		
	FP14	JP 10-91647	04-10-1998	Kubota <i>et al.</i>		
	FP15	JP 10-91686	04-10-1998	Yamashita <i>et al.</i>		
	FP16	JP 10-143540	05-29-1998	Sumita <i>et al.</i>		
	FP17	JP 10-143541	05-29-1998	Sumita		
	FP18	JP 10-162025	06-19-1998	Yoshida <i>et al.</i>		
	FP19	JP 10-162027	06-19-1998	Takahashi <i>et al.</i>		

Examiner Signature		Date Considered	
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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/887,528
				Filing Date	June 25, 2001
				First Named Inventor	Michael Ekhaus
				Art Unit	3623
				Examiner Name	Catherine M. Colon
Sheet	2	of	5	Attorney Docket Number	2222.00730001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US11	5,983,214	11-09-1999	Lang <i>et al.</i>	
	US12	6,006,218	12-21-1999	Breese <i>et al.</i>	
	US13	6,041,311	03-21-2000	Chislenke <i>et al.</i>	
	US14	6,049,777	04-11-2000	Sheen <i>aet al.</i>	
	US15	6,064,980	05-16-2000	Jacobi <i>et al.</i>	
	US16	6,092,049	07-18-2000	Chislenko <i>et al.</i>	
	US17	6,108,493	08-22-2000	Miller <i>et al.</i>	
	US18	6,112,186	08-29-2000	Bergh <i>et al.</i>	
	US19	6,266,649 B1	07-24-2001	Linden <i>et al.</i>	
	US20	6,313,745 B1	11-6-2001	Suzuki	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP20	JP 10-162028	06-19-1998	Takahashi <i>et al.</i>		
	FP21	JP 10-198706	07-31-1998	Sakata		
	FP22	JP 10-228482	08-25-1998	Ihara <i>et al.</i>		
	FP23	JP 10-228487	08-25-1998	Abe		
	FP24	JP 10-240749	09-11-1998	Ariyoshi		
	FP25	JP 10-247198	09-14-1998	Ihara <i>et al.</i>		
	FP26	JP 10-257405	09-25-1998	Miyahara		
	FP27	JP 10-260955	09-29-1998	Shimogoori		
	FP28	JP 10-283403	10-23-1998	Suzuki		
	FP29	JP 10-289245	10-27-1998	Shiyyama		
	FP30	JP 10-301950	11-13-1998	Washisaki		
	FP31	JP 10-307845	11-17-1998	Muramoto		
	FP32	JP 10-320415	12-04-1998	Enomoto <i>et al.</i>		
	FP33	JP 10-340270	12-22-1998	Hara <i>et al.</i>		
	FP34	JP 11-7453	01-12-1999	Kotani		
	FP35	JP 11-7472	01-12-1999	Hirose <i>et al.</i>		
	FP36	JP 11-15840	01-22-1999	Matsunaga <i>et al.</i>		
	FP37	JP 11-45265	02-16-1999	Ukikawa <i>et al.</i>		
	FP38	JP 11-45284	02-16-1999	Fujita		

Examiner Signature	Date Considered
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				Art Unit	3623
				Examiner Name	Catherine M. Colon
Sheet	3	of	5	Attorney Docket Number	2222.00730001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	US21	6,314,420 B1	11-06-2001	Lang <i>et al.</i>	
	US22	6,317,722 B1	11-13-2001	Jacobi <i>et al.</i>	
	US23	6,321,179 B1	11-20-2001	Glance <i>et al.</i>	
	US24	6,321,221 B1	11-20-2001	Bieganski	
	US25	6,334,127 B1	12-25-2001	Bieganski <i>et al.</i>	
	US26	6,356,889 B1	03-12-2002	Lohman <i>et al.</i>	
	US27	6,412,012 B1	06-25-2002	Bieganski <i>et al.</i>	
	US28	6,415,368 B1	07-02-2002	Glance <i>et al.</i>	
	US29	6,434,550 B1	08-13-2002	Warner <i>et al.</i>	
	US30	6,438,579 B1	08-20-2002	Hosken	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP39	JP 11-45286	02-16-1999	Nomura <i>et al.</i>		
	FP40	JP 11-45289	02-16-1999	Nomura		
	FP41	JP 11-45290	02-16-1999	Nomura		
	FP42	JP 11-53394	02-26-1999	Nomura		
	FP43	JP 11-66081	03-09-1999	Dousaka <i>et al.</i>		
	FP44	JP 11-66097	03-09-1999	Iwazawa		
	FP45	JP 11-66098	03-09-1999	Terauchi <i>et al.</i>		
	FP46	JP 11-96164	04-09-1999	Takeuchi <i>et al.</i>		
	FP47	JP 11-110410	04-23-1999	Imamura		
	FP48	JP 11-120189	04-30-1999	Morimoto <i>et al.</i>		
	FP49	JP 11-134345	05-21-1999	Ichimura		
	FP50	JP 11-134361	05-21-1999	Yuasa <i>et al.</i>		
	FP51	JP 11-143900	05-28-1999	Kanemichi <i>et al.</i>		
	FP52	JP 11-161670	06-18-1999	Matsunaga <i>et al.</i>		
	FP53	JP 11-164217	06-18-1999	Takashima		
	FP54	JP 11-175546	07-02-1999	Takagi <i>et al.</i>		
	FP55	JP 11-184890	07-09-1999	Oka		
	FP56	JP 11-184891	07-09-1999	Hirose		
	FP57	JP 11-195035	07-21-1999	Ishikawa <i>et al.</i>		

Examiner Signature	Date Considered
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		Number-Kind Code ² (if known)			
	US31	6,460,036 B1	10-01-2002	Herz	
	US32	6,636,836 B1	10-21-2003	Pyo	
	US33	2002/0065721 A1	05-30-2002	Lema <i>et al.</i>	
	US34	2002/0120609 A1	08-29-2002	Lang <i>et al.</i>	
	US35	2002/0199194 A1	12-26-2002	Ali	
	US36	2003/0191737 A1	10-09-2003	Steele <i>et al.</i>	
	US37	2004/0034652 A1	02-19-2004	Hofmann <i>et al.</i>	
	US38	2005/0091245 A1	04-28-2005	Chickering <i>et al.</i>	
	US39	2005/0125307 A1	06-09-2005	Hunt <i>et al.</i>	
	US40				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP58	JP 11-205706	07-30-1999	Sumiya <i>et al.</i>		
	FP59	JP 11-212996	08-06-1999	Tanitsu		
	FP60	JP 11-232278	08-27-1999	Oda <i>et al.</i>		
	FP61	JP 11-232287	08-27-1999	Hoshiai		
	FP62	JP 11-250091	09-17-1999	Okayama		
	FP63	JP 11-259497	09-24-1999	Ando <i>et al.</i>		
	FP64	JP 11-272574	10-08-1999	Nagaishi		
	FP65	JP 11-282874	10-15-1999	Sugai <i>et al.</i>		
	FP66	JP 11-282875	10-15-1999	Sugai		
	FP67	JP 11-308547	11-05-1999	Obara <i>et al.</i>		
	FP68	JP 11-312177	11-09-1999	Nemoto		
	FP69	JP 11-316759	11-16-1999	Oda <i>et al.</i>		
	FP70	JP 11-328266	11-30-1999	Haruna <i>et al.</i>		
	FP71	JP 11-338869	12-10-1999	Washisaki		
	FP72	JP 11-338872	12-10-1999	Narisawa <i>et al.</i>		
	FP73	JP 11-338879	12-10-1999	Miyamoto <i>et al.</i>		
	FP74	JP 11-345446	12-14-1999	Okita <i>et al.</i>		
	FP75	JP 11-509019	08-03-1999			
	FP76	JP 2000-13708	01-14-2000	Ukai <i>et al.</i>		

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Substitute for form 1449/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Application Number	09/887,528
				Filing Date	June 25, 2001
				First Named Inventor	Michael Ekhaus
				Art Unit	3623
				Examiner Name	Catherine M. Colon
Sheet	5	of	5	Attorney Docket Number	2222.00730001

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if Known)			
	US41				
	US42				
	US43				
	US44				
	US45				
	US46				
	US47				
	US48				
	US49				
	US50				

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
	FP77	JP 2000-23112	01-21-2000	Sumita <i>et al.</i>		
	FP78	JP 2000-48046	02-18-2000	Yoshida		
	FP79	JP 2000-57090	02-25-2000	Motohashi		
	FP80	WO 98/33135 A1	07-30-1998	Chislenko <i>et al.</i>		
	FP81	WO 98/40832 A2	09-17-1998	Chislenko <i>et al.</i>		
	FP82	WO 01/24032 A2	04-05-2001	Rauser <i>et al.</i>		
	FP83	WO 01/37162 A2	05-25-2001	Bieganski <i>et al.</i>		
	FP84					
	FP85					
	FP86					
	FP87					
	FP88					
	FP89					
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	FP92					
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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published	T ²
	NPL1	Berry, M.W. et al., "Using Linear Algebra for Intelligent Information Retrieval," Computer Science Dept., CS-94-270, December 1994, 24 pages.	
	NPL2	Decision Innovations, www.decision-innovations.com, 01/28/1999 [retrieved 02/11/05], pages 1-22, retrieved from: google.com and archive.org.	
	NPL3	Houstis, E.N. et al., "PYTHIA-II: A Knowledge/Database System for Managing Performance Data and Recommending Scientific Software," Dept. of Computer Sciences, Purdue Univ., 2000, 24 pages.	
	NPL4	Jarke, M. and Koch, J., "Query Optimization in Database Systems," <i>ACM Computing Surveys</i> , Vol. 16, No. 2, June 1984, pp. 111-152.	
	NPL5	Joshi, A. et al., "Robust Fuzzy Clustering Methods to Support Web Mining," Dept. of Computer Engineering and Computer Science, Univ. of Missouri, 1998, 9 pages.	
	NPL6	Kautz, H. et al., "ReferralWeb: Combining Social Networks and Collaborative Filtering," <i>Communications of the ACM</i> , March 1997, Vol. 40, No. 3, 4 pages.	
	NPL7	Maltz, D. et al., "Pointing the Way: Active Collaborative Filtering," <i>Proceedings of CHI '95</i> , Denver, Colorado, 1995, 8 pages.	
	NPL8	McJones, P. and DeTreville, J., "Each to Each Programmer's Reference Manual," SRC Technical Note, 1997-023, October 1, 1997, Systems Research Center, Palo Alto, CA, 16 pages.	
	NPL9	"Movie critic" Internet address: http://www.moviecritic.com/faq.html , May 8, 2000, 6 pages.	
	NPL10	Nasraoui, O. et al, "Mining Web Access Logs Using Relational Competitive Fuzzy Clustering," Computer Engineering and Computer Science, Univ. of Missouri, 1999, 5 pages.	

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	NPL11	Net Perception, Inc., www.netperceptions.com, 01/18/1997 [retrieved 02/11/05], 31 pages, retrieved from: google.com and archive.org.	
	NPL12	PRNewswire, "Net Perceptions and Shop at Home to Provide Personalized Product Recommendations for Shop At Home Customers," 19 July 1999, 2 pages.	
	NPL13	ProQuest, "GroupLens focuses on customers," InfoWorld, San Mateo, March 9, 1998, Vol. 20, Issue 10, 3 pages.	
	NPL14	ProQuest, "Net Perceptions Celebrates New Triumphs at Internet World Spring; GroupLens 3.0 Debuts, N2K's Music Boulevard Goes Live," Business Wire, New York, March 5, 1998, 2 pages.	
	NPL15	Sarwar, B.M. et al., "Item-based Collaborative Filtering Recommendation Algorithms," Dept. of Computer Science and Engineering, Univ. of Minnesota, Minneapolis, MN,, Appears in WWW10, May 1-5, 2001, Hong Kong, 15 pages.	
	NPL16	U.S. Provisional Application No. 60/155,437, filed September 23, 1999, 18 pages.	
	NPL17	www.amazon.com - Shows user recommendations, as archived November 9, 2000, 2 pages.	
	NPL18	www.moviecritic.com - Internet website, as archived February 18, 1999, 1 page.	
	NPL19		
	NPL20		

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